

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number
WO 2005/090110 A1

(51) International Patent Classification⁷: **B60K 31/00**,
G01S 13/60, G01C 21/26, G01P 3/50

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(21) International Application Number:
PCT/SE2005/000290

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 1 March 2005 (01.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0400744-9 23 March 2004 (23.03.2004) SE

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

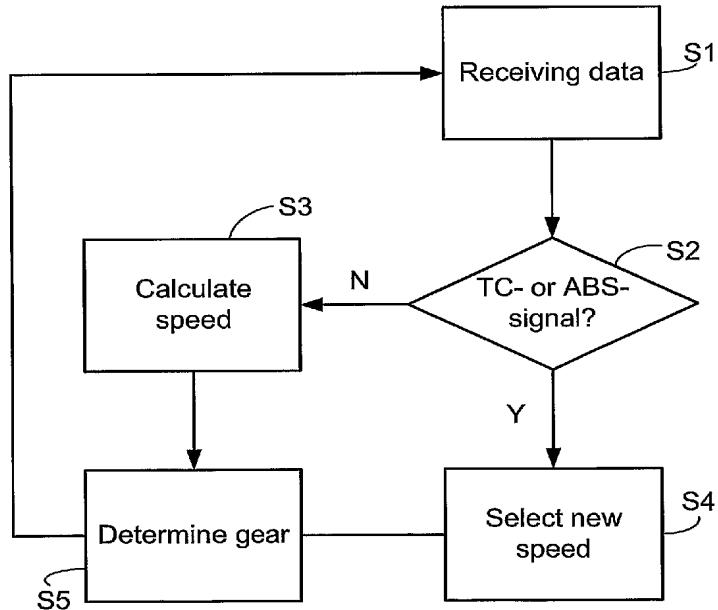
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(54) Title: GEAR SHIFTING SYSTEM



(57) Abstract: A method for determining a vehicle speed, e.g. for an automatic gear shifting system. The method comprises the steps of: determining if at least one driven wheel (6) is spinning or shows a tendency to spin and/or if the vehicle (1) is braked under influence of an antilock braking system, and determining the vehicle speed based on a rate of rotation of at least one non-driven wheel (10), a value of the vehicle speed received from a positioning system and/or a value of the vehicle speed received from a vehicle radar system (18), if either the at least one driven wheel is spinning or shows a tendency to spin or the vehicle is braked under influence of the antilock braking system. A vehicle, an electronic control unit, a computer program and a computer program product are also disclosed.

WO 2005/090110 A1



Published:

— *with international search report*

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